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PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = RAI

First Name = MAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 10
<u>60113310</u>	Not Issued	159	12/22/1998	NEURAL NETWORK-BASED REDESIGN OF TRANSONIC TURBINES FOR IMPROVED UNSTEADY AERODYNAMIC PERFORMANCE	RAI , MAN M.
<u>60096660</u>	Not Issued	159	08/13/1998	AERODYNAMIC DESIGN USING NEURAL NETWORKS	RAI , MAN M.
<u>10637087</u>	Not Issued	020	07/31/2003	METHOD FOR CONSTRUCTING COMPOSITE RESPONSE SURFACES BY COMBINING NEURAL NETWORKS WITH POLYNOMIAL INTERPOLATION OR ESTIMATION TECHNIQUES	RAI, MAN MOHAN
<u>10043044</u>	Not Issued	030	01/07/2002	HYBRID NEURAL NETWORK AND SUPPORT VECTOR MACHINE METHOD FOR OPTIMIZATION	RAI, MAN MOHAN
<u>09374491</u>	6606612	150	08/13/1999	METHOD FOR CONDSTRUCTING COMPOSITE RESPONSE SURFACES BY COMBINING NEURAL NETWORKS WITH OTHER INTERPOLATION OR ESTIMATION TECHNIQUES	RAI , MAN MOHAN
<u>09171607</u>	Not Issued	071	11/04/1998	BIOLOGICALLY ACTIVE PROTEIN (COLLAGEN FRAGMENT HF-COLL-18/514CF) FOR INHIBITING THE GROWTH OF TUMORS AND CAPILLARY PROFILERATIONS	RAIDA , MANFED
<u>09155203</u>	6579849	150	09/24/1998	ANTIBIOTIC PEPTIDES FROM BOVINE MILK	RAIDA , MANFRED
<u>09147404</u>	6326163	150	04/06/1999	A METHOD FOR THE DIRECT DIAGNOSTIC DETECTION OF	RAIDA , MANFRED

				GENETICALLY CAUSED PATHOGENIC POINT MUTATIONS	
<u>09113593</u>	Not Issued	164	07/10/1998	SYSTEM AND METHOD FOR DISPLAYING CALLER ID INFORMATION	RAIZADA , MANOJ
<u>07876401</u>	Not Issued	161	04/30/1992	METHOD FOR DEFINING A CONNECTION PATH BETWEEN COMPONENTS ARRANGED ON A PHYSICAL UNIT	RAITH , MANUELA

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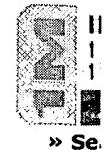
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(support vector)and (neural network)

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1 Intrusion detection using neural networks and support vector mach*Mukkamala, S.; Janoski, G.; Sung, A.;*

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002

Pages:1702 - 1707

[Abstract] [PDF Full-Text (669 KB)] IEEE CNF

2 Support vector and multilayer perceptron neural networks applied to power systems transient stability analysis with input dimensionality reduction*Moulin, L.S.; da Silva, A.P.A.; El-Sharkawi, M.A.; Marks, R.J.;*

Power Engineering Society Summer Meeting, 2002 IEEE , Volume: 3 , 21-25 . 2002

Pages:1308 - 1313 vol.3

[Abstract] [PDF Full-Text (997 KB)] IEEE CNF

3 Texture inspection for defects using neural networks and support v machines*Kumar, A.; Shen, H.C.;*

Image Processing. 2002. Proceedings. 2002 International Conference on , Vo 3 , 24-28 June 2002

Pages:III-353 - III-356 vol.3

[Abstract] [PDF Full-Text (339 KB)] IEEE CNF

4 Neural network ensemble and support vector machine classifiers for analysis of remotely sensed data: a comparison*Pasquariello, G.; Ancona, N.; Blonda, P.; Tarantino, C.; Satalino, G.; D'Addat A.;*

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE International , Volume: 1 , 24-28 June 2002

Pages:509 - 511 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(275 KB\)\]](#) [IEEE CNF](#)

5 Analysis of support vector machines

Abe, S.;

Neural Networks for Signal Processing, 2002. Proceedings of the 2002 12th IF Workshop on , 4-6 Sept. 2002

Pages:89 - 98

[\[Abstract\]](#) [\[PDF Full-Text \(337 KB\)\]](#) [IEEE CNF](#)

6 On line signature verification: Fusion of a Hidden Markov Model and neural network via a support vector machine

Fuentes, M.; Garcia-Salicetti, S.; Dorizzi, B.;

Frontiers in Handwriting Recognition, 2002. Proceedings. Eighth International Workshop on , 6-8 Aug. 2002

Pages:253 - 258

[\[Abstract\]](#) [\[PDF Full-Text \(327 KB\)\]](#) [IEEE CNF](#)

7 Robust soft sensors based on integration of genetic programming, analytical neural networks, and support vector machines

Kordon, A.; Smits, G.; Jordaan, E.; Rightor, E.;

Evolutionary Computation, 2002. CEC '02. Proceedings of the 2002 Congress on , Volume: 1 , 12-17 May 2002

Pages:896 - 901

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) [IEEE CNF](#)

8 Frontal face detection using support vector machines and back-propagation neural networks

Bassiou, N.; Kotropoulos, C.; Kosmidis, T.; Pitas, I.;

Image Processing, 2001. Proceedings. 2001 International Conference on , Vo 1 , 7-10 Oct. 2001

Pages:1026 - 1029 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) [IEEE CNF](#)

9 Neural network realization of support vector methods for pattern classification

Ying Tan; Youshen Xia; Jun Wang;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 6 , 24-27 July 2000

Pages:411 - 416 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEEE CNF](#)

10 Optimisation on support vector machines

Pedroso, J.P.; Murata, N.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 6 , 24-27 July 2000

Pages:399 - 404 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEEE CNF](#)

11 Support vectors selection by linear programming

Kecman, V.; Hadzic, I.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 5 , 24-27 July 2000
Pages:193 - 198 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) [IEEE CNF](#)

12 Implementation of the SVM neural network generalization function in image processing

Reyna, R.A.; Esteve, D.; Houzet, D.; Albenge, M.-F.;
Computer Architectures for Machine Perception, 2000. Proceedings. Fifth IEEE International Workshop on , 11-13 Sept. 2000
Pages:147 - 151

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) [IEEE CNF](#)

13 Support vector machines for the fuzzy neural networks

Jin-Tsong Jeng; Tsu-Tain Lee;
Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings IEEE International Conference on , Volume: 6 , 12-15 Oct. 1999
Pages:115 - 120 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) [IEEE CNF](#)

14 Support vector approaches for engine knock detection

Rychetsky, M.; Ortmann, S.; Glesner, M.;
Neural Networks, 1999. IJCNN '99. International Joint Conference on , Volume: 2 , 10-16 July 1999
Pages:969 - 974 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) [IEEE CNF](#)

15 A support vector machine approach to decision trees

Bennett, K.P.; Blue, J.A.;
Neural Networks Proceedings, 1998. IEEE World Congress on Computational Intelligence. The 1998 IEEE International Joint Conference on , Volume: 3 , 4 May 1998
Pages:2396 - 2401 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) [IEEE CNF](#)

16 Robust support vector regression networks for function approximation with outliers

Chen-Chia Chuang; Shun-Feng Su; Jin-Tsong Jeng; Chih-Ching Hsiao;
Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 6 , Nov. 2002
Pages:1322 - 1330

[\[Abstract\]](#) [\[PDF Full-Text \(533 KB\)\]](#) [IEEE JNL](#)

17 The evidence framework applied to support vector machines

James Tin-Yau Kwok;
Neural Networks, IEEE Transactions on , Volume: 11 , Issue: 5 , Sept. 2000
Pages:1162 - 1173

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE JNL](#)

18 Learning algorithm for nonlinear support vector machines suited for digital VLSI

Anguita, D.; Boni, A.; Ridella, S.;
Electronics Letters , Volume: 35 , Issue: 16 , 5 Aug. 1999
Pages:1349 - 1350

[Abstract] [PDF Full-Text (176 KB)] IEE JNL

19 Circuital implementation of support vector machines

Anguita, D.; Ridella, S.; Rovetta, S.;
Electronics Letters , Volume: 34 , Issue: 16 , 6 Aug. 1998
Pages:1596 - 1597

[Abstract] [PDF Full-Text (232 KB)] IEE JNL

20 Analysis of switching dynamics with competing support vector machines

Ming-Wei Chang; Chih-Jen Lin; Weng, R.C.;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002
Pages:2387 - 2392

[Abstract] [PDF Full-Text (540 KB)] IEEE CNF

21 Support vector regression for voltage reference elements monitori

Nancovska, I.;
Virtual and Intelligent Measurement Systems, 2001, IEEE International Work: on. VIMS 2001 , 19-20 May 2001
Pages:45 - 50

[Abstract] [PDF Full-Text (400 KB)] IEEE CNF

22 Towards analog and digital hardware for support vector machines

Anguita, D.; Boni, A.;
Neural Networks, 2001. Proceedings. IJCNN '01. International Joint Conferenc: on , Volume: 4 , 15-19 July 2001
Pages:2422 - 2426 vol.4

[Abstract] [PDF Full-Text (328 KB)] IEEE CNF

23 LP and QP based learning from empirical data

Kecman, V.; Arthanari, T.; Hadzic, I.;
Neural Networks, 2001. Proceedings. IJCNN '01. International Joint Conferenc: on , Volume: 4 , 15-19 July 2001
Pages:2451 - 2455 vol.4

[Abstract] [PDF Full-Text (336 KB)] IEEE CNF

24 Artist detection in music with Minnowmatch

Whitman, B.; Flake, G.; Lawrence, S.;
Neural Networks for Signal Processing XI, 2001. Proceedings of the 2001 IEEE Signal Processing Society Workshop , 10-12 Sept. 2001
Pages:559 - 568

[Abstract] [PDF Full-Text (84 KB)] IEEE CNF

25 Selecting bankruptcy predictors using a support vector machine approach

Fan, A.; Palaniswami, M.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 6 , 24-27 July 2000
Pages:354 - 359 vol.6

[Abstract] [PDF Full-Text (344 KB)] IEEE CNF

26 A Neural Support Vector Network architecture with adaptive kerne
Vincent, P.; Bengio, Y.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 5 , 24-27 July 2000
Pages:187 - 192 vol.5

[Abstract] [PDF Full-Text (376 KB)] IEEE CNF

27 Segmenting images with support vector machines

Reyna, R.A.; Hernandez, N.; Esteve, D.; Cattoen, M.;

Image Processing, 2000. Proceedings. 2000 International Conference on , Vo 1 , 10-13 Sept. 2000
Pages:820 - 823 vol.1

[Abstract] [PDF Full-Text (352 KB)] IEEE CNF

28 Support vector machine-based text detection in digital video

Shin, C.S.; Kim, K.I.; Park, M.H.; Kim, H.J.;

Neural Networks for Signal Processing X, 2000. Proceedings of the 2000 IEEE Signal Processing Society Workshop , Volume: 2 , 11-13 Dec. 2000
Pages:634 - 641 vol.2

[Abstract] [PDF Full-Text (280 KB)] IEEE CNF

29 Neural Networks for Signal Processing IX: Proceedings of the 1999 Signal Processing Society Workshop (Cat. No.98TH8468)

Neural Networks for Signal Processing IX, 1999. Proceedings of the 1999 IEEE Signal Processing Society Workshop , 23-25 Aug. 1999

[Abstract] [PDF Full-Text (184 KB)] IEEE CNF

30 Neural networks for sensor fusion in remote sensing

Pasika, H.; Haykin, S.; Clothiaux, E.; Stewart, R.;

Neural Networks, 1999. IJCNN '99. International Joint Conference on , Volum 4 , 10-16 July 1999

Pages:2772 - 2776 vol.4

[Abstract] [PDF Full-Text (396 KB)] IEEE CNF

31 Nonlinear prediction of chaotic time series using support vector machines

Mukherjee, S.; Osuna, E.; Girosi, F.;

Neural Networks for Signal Processing [1997] VII. Proceedings of the 1997 IE Workshop , 24-26 Sept. 1997

Pages:511 - 520

[Abstract] [PDF Full-Text (468 KB)] IEEE CNF

32 ICANN99. Ninth International Conference on Artificial Neural Netw (IEE Conf. Publ. No.470)

Artificial Neural Networks, 1999. ICANN 99. Ninth International Conference on (Conf. Publ. No. 470) , Volume: 1 , 7-10 Sept. 1999
[Abstract] [PDF Full-Text (664 KB)] IEE CNF

33 Support vector machines for texture classification

Kwang In Kim; Keechul Jung; Se Hyun Park; Hang Joon Kim;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 24 , Issue: 11 , Nov 2002
Pages:1542 - 1550

[Abstract] [PDF Full-Text (1318 KB)] IEEE JNL

34 Recurrent least squares support vector machines

Suykens, J.A.K.; Vandewalle, J.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transaction [see also Circuits and Systems I: Regular Papers, IEEE Transactions on] , Volume: 47 , Issue: 7 , July 2000
Pages:1109 - 1114

[Abstract] [PDF Full-Text (188 KB)] IEEE JNL

35 Fuzzy kernel perceptron

Jiun-Hung Chen; Chu-Song Chen;
Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 6 , Nov. 2002
Pages:1364 - 1373

[Abstract] [PDF Full-Text (1480 KB)] IEEE JNL

36 On the generalization of soft margin algorithms

Shawe-Taylor, J.; Cristianini, N.;
Information Theory, IEEE Transactions on , Volume: 48 , Issue: 10 , Oct. 2002
Pages:2721 - 2735

[Abstract] [PDF Full-Text (515 KB)] IEEE JNL

37 A formal analysis of stopping criteria of decomposition methods for support vector machines

Chih-Jen Lin;
Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 5 , Sep 2002
Pages:1045 - 1052

[Abstract] [PDF Full-Text (343 KB)] IEEE JNL

38 Improved neural network for SVM learning

Anguita, D.; Boni, A.;
Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 5 , Sep 2002
Pages:1243 - 1244

[Abstract] [PDF Full-Text (220 KB)] IEEE JNL

39 Learning similarity measure for natural image retrieval with relevance feedback

Guo-Dong Guo; Jain, A.K.; Wei-Ying Ma; Hong-Jiang Zhang;
Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 4 , July 2002
Pages:811 - 820

[Abstract] [PDF Full-Text (314 KB)] IEEE JNL

40 Efficient tuning of SVM hyperparameters using radius/margin bound and iterative algorithms

Keerthi, S.S.;

Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 5 , Sep 2002
Pages:1225 - 1229

[\[Abstract\]](#) [\[PDF Full-Text \(254 KB\)\]](#) [IEEE JNL](#)

41 Errata to "On the convergence of the decomposition method for support vector machines"

Chih-Jen Lin;

Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 4 , July 2002
Pages:1025 - 1025

[\[Abstract\]](#) [\[PDF Full-Text \(154 KB\)\]](#) [IEEE JNL](#)

42 Errata to "A comparison of methods for multiclass support vector machines"

Chih-Jen Lin;

Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 4 , July 2002
Pages:1026 - 1027

[\[Abstract\]](#) [\[PDF Full-Text \(182 KB\)\]](#) [IEEE JNL](#)

43 Fuzzy support vector machines

Chun-Fu Lin; Sheng-De Wang;

Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 2 , March 2002
Pages:464 - 471

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEEE JNL](#)

44 A comparison of methods for multiclass support vector machines

Chih-Wei Hsu; Chih-Jen Lin;

Neural Networks, IEEE Transactions on , Volume: 13 , Issue: 2 , March 2002
Pages:415 - 425

[\[Abstract\]](#) [\[PDF Full-Text \(406 KB\)\]](#) [IEEE JNL](#)

45 Financial time series prediction using least squares support vector machines within the evidence framework

Van Gestel, T.; Suykens, J.A.K.; Baestaens, D.-E.; Lambrechts, A.; Lanckriet, Vandaele, B.; De Moor, B.; Vandewalle, J.;

Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 4 , July 2001
Pages:809 - 821

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) [IEEE JNL](#)

46 The generalization error of the symmetric and scaled support vector machines

Jianfeng Feng; Williams, P.;

Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 5 , Sept. 2001
Pages:1255 - 1260

[\[Abstract\]](#) [\[PDF Full-Text \(216 KB\)\]](#) [IEEE JNL](#)

47 Weighted least squares training of support vector classifiers leading to sparse solutions

compact and adaptive schemes

Navia-Vazquez, A.; Perez-Cruz, F.; Artes-Rodriguez, A.; Figueiras-Vidal, A.R.,
Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 5 , Sept. 2001
Pages:1047 - 1059

[Abstract] [PDF Full-Text (328 KB)] [IEEE JNL](#)

48 Geometric neural computing

Bayro-Corrochano, E.J.,
Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 5 , Sept. 2001
Pages:968 - 986

[Abstract] [PDF Full-Text (576 KB)] [IEEE JNL](#)

49 Support vector machine multiuser receiver for DS-CDMA signals in multipath channels

Chen, S.; Samigan, A.K.; Hanzo, L.,
Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 3 , May 2001
Pages:604 - 611

[Abstract] [PDF Full-Text (192 KB)] [IEEE JNL](#)

50 Ischemia detection with a self-organizing map supplemented by supervised learning

Papadimitriou, S.; Mavroudi, S.; Vladutu, L.; Bezerianos, A.,
Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 3 , May 2001
Pages:503 - 515

[Abstract] [PDF Full-Text (220 KB)] [IEEE JNL](#)

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Pages:601 - 604[\[Abstract\]](#) [\[PDF Full-Text \(84 KB\)\]](#) **IEEE JNL****52 An introduction to kernel-based learning algorithms***Muller, K.-R.; Mika, S.; Ratsch, G.; Tsuda, K.; Scholkopf, B.;*Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 2 , March 2001
Pages:181 - 201[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE JNL****53 Nonlinear kernel-based statistical pattern analysis***Ruiz, A.; Lopez-de-Teruel, P.E.;*Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 1 , Jan. 2001
Pages:16 - 32[\[Abstract\]](#) [\[PDF Full-Text \(732 KB\)\]](#) **IEEE JNL****54 The relevance vector machine technique for channel equalization application***Chen, S.; Gunn, S.R.; Harris, C.J.;*Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 6 , Nov. 2001
Pages:1529 - 1532[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) **IEEE JNL****55 On the convergence of the decomposition method for support vector machines***Chih-Jen Lin;*

Neural Networks, IEEE Transactions on , Volume: 12 , Issue: 6 , Nov. 2001

Pages:1288 - 1298

[\[Abstract\]](#) [\[PDF Full-Text \(253 KB\)\]](#) [IEEE JNL](#)

56 A fast iterative nearest point algorithm for support vector machine classifier design

Keerthi, S.S.; Shevade, S.K.; Bhattacharyya, C.; Murthy, K.R.K.;
Neural Networks, IEEE Transactions on , Volume: 11 , Issue: 1 , Jan. 2000
Pages:124 - 136

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) [IEEE JNL](#)

57 The analysis of decomposition methods for support vector machines

Chih-Chung Chang; Chih-Wei Hsu; Chih-Jen Lin;
Neural Networks, IEEE Transactions on , Volume: 11 , Issue: 4 , July 2000
Pages:1003 - 1008

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) [IEEE JNL](#)

58 Mixture of experts for classification of gender, ethnic origin, and person from human faces

Gutta, S.; Huang, J.R.J.; Jonathon, P.; Wechsler, H.;
Neural Networks, IEEE Transactions on , Volume: 11 , Issue: 4 , July 2000
Pages:948 - 960

[\[Abstract\]](#) [\[PDF Full-Text \(1756 KB\)\]](#) [IEEE JNL](#)

59 Support vector machine techniques for nonlinear equalization

Sebald, D.J.; Bucklew, J.A.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 48 , Issue: 11 , Nov. 2000
Pages:3217 - 3226

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) [IEEE JNL](#)

60 Improvements to the SMO algorithm for SVM regression

Shevade, S.K.; Keerthi, S.S.; Bhattacharyya, C.; Murthy, K.R.K.;
Neural Networks, IEEE Transactions on , Volume: 11 , Issue: 5 , Sept. 2000
Pages:1188 - 1193

[\[Abstract\]](#) [\[PDF Full-Text \(124 KB\)\]](#) [IEEE JNL](#)

61 Successive overrelaxation for support vector machines

Mangasarian, O.L.; Musicant, D.R.;
Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1032 - 1037

[\[Abstract\]](#) [\[PDF Full-Text \(156 KB\)\]](#) [IEEE JNL](#)

62 Sample selection via clustering to construct support vector-like classifiers

Lyhyaoui, A.; Martinez, M.; Mora, I.; Vaquez, M.; Sancho, J.-L.; Figueiras-Vidal, A.R.;
Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 6 , Nov. 1999
Pages:1474 - 1481

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) [IEEE JNL](#)

63 Simple and robust methods for support vector expansions

Mattera, D.; Palmieri, F.; Haykin, S.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1038 - 1047

[Abstract] [PDF Full-Text (232 KB)] IEEE JNL

64 Support vector machines for spam categorization

Drucker, H.; Donghui Wu; Vapnik, V.N.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1048 - 1054

[Abstract] [PDF Full-Text (132 KB)] IEEE JNL

65 An overview of statistical learning theory

Vapnik, V.N.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:988 - 999

[Abstract] [PDF Full-Text (280 KB)] IEEE JNL

66 Moderating the outputs of support vector machine classifiers

Kwok, J.T.-Y.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1018 - 1031

[Abstract] [PDF Full-Text (316 KB)] IEEE JNL

67 Fusion of face and speech data for person identity verification

Ben-Yacoub, S.; Abdeljaoued, Y.; Mayoraz, E.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1065 - 1074

[Abstract] [PDF Full-Text (280 KB)] IEEE JNL

68 Input space versus feature space in kernel-based methods

Scholkopf, B.; Mika, S.; Burges, C.J.C.; Knirsch, P.; Muller, K.-R.; Ratsch, G., Smola, A.J.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1000 - 1017

[Abstract] [PDF Full-Text (1216 KB)] IEEE JNL

69 Support vector machines for histogram-based image classification

Chapelle, O.; Haffner, P.; Vapnik, V.N.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 5 , Sept. 1999
Pages:1055 - 1064

[Abstract] [PDF Full-Text (676 KB)] IEEE JNL

70 Training multilayer perceptron classifiers based on a modified support vector method

Suykens, J.A.K.; Vandewalle, J.;

Neural Networks, IEEE Transactions on , Volume: 10 , Issue: 4 , July 1999
Pages:907 - 911

[Abstract] [PDF Full-Text (100 KB)] IEEE JNL

71 Nonlinear model predictive control based on support vector regres

Qi Miao; Shi-Fu Wang;

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 4-5 Nov. 2002

Pages:1657 - 1661 vol.3

[Abstract] [PDF Full-Text (387 KB)] IEEE CNF

72 Initial structure selection for neural networks and fuzzy neural networks based on support vector regrssion wrm outmers

Jin-Tsong Jeng; Chen-Chia Chuang;

Neural Information Processing, 2002. ICONIP '02. Proceedings of the 9th International Conference on , Volume: 2 , Nov. 18-22, 2002

Pages:909 - 914

[Abstract] [PDF Full-Text (550 KB)] IEEE CNF

73 Time series prediction via new support vector machines

Jia-Yuan Zhu; Bo Ren; Heng-Xi Zhang; Zhen-Ting Deng;

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 1 , 4-5 Nov. 2002

Pages:364 - 366 vol.1

[Abstract] [PDF Full-Text (263 KB)] IEEE CNF

74 Support vector machines with symbolic interpretation

Nunez, H.; Angulo, C.; Catala, A.;

Neural Networks, 2002. SBRN 2002. Proceedings. VII Brazilian Symposium on 14 Nov. 2002

Pages:142 - 147

[Abstract] [PDF Full-Text (303 KB)] IEEE CNF

75 The influence of noisy patterns on the performance of learning met in the splice junction recognition problem

Lorena, A.C.; Batista, G.E.A.P.A.; de Carvalho, A.C.P.L.F.; Monard, M.C.;

Neural Networks, 2002. SBRN 2002. Proceedings. VII Brazilian Symposium on 14 Nov. 2002

Pages:31 - 36

[Abstract] [PDF Full-Text (293 KB)] IEEE CNF

76 Electronic commerce software agents: the featured-based filtering approach

Rabelo, L.C.;

World Automation Congress, 2002. Proceedings of the 5th Biannual , Volume: 14 , 9-13 June 2002

Pages:255 - 260

[Abstract] [PDF Full-Text (466 KB)] IEEE CNF

77 On-road vehicle detection using Gabor filters and support vector machines

Zehang Sun; Bebis, G.; Miller, R.;

Digital Signal Processing, 2002. DSP 2002. 2002 14th International Conference

on , Volume: 2 , 1-3 July 2002
Pages:1019 - 1022 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(482 KB\)\]](#) [IEEE CNF](#)

78 Statistical descriptor of normality based on Hotelling's T^{sup 2}/statistic and mixture of Gaussians

Dolia, A.;

Neural Networks for Signal Processing, 2002. Proceedings of the 2002 12th IF Workshop on , 4-6 Sept. 2002
Pages:405 - 414

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) [IEEE CNF](#)

79 Face recognition using kernel principal component analysis and ge algorithms

Zhang Yankun; Liu Chongqing;

Neural Networks for Signal Processing, 2002. Proceedings of the 2002 12th IF Workshop on , 4-6 Sept. 2002
Pages:337 - 343

[\[Abstract\]](#) [\[PDF Full-Text \(335 KB\)\]](#) [IEEE CNF](#)

80 A novel approach based on support vector machine to forecasting i quality of friction welding

Zhu Lingyun; Cao Changxiu; Wu Wei; Xu Xiaoling;

Intelligent Control and Automation, 2002. Proceedings of the 4th World Cong on , Volume: 1 , 10-14 June 2002
Pages:335 - 339 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(337 KB\)\]](#) [IEEE CNF](#)

81 Texture image classification based on support vector machine and distance classification

Yongjun Ma; Tingjian Fang; Kai Fang; Dingcheng Wang; Wei Chen;

Intelligent Control and Automation, 2002. Proceedings of the 4th World Cong on , Volume: 1 , 10-14 June 2002
Pages:551 - 554 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) [IEEE CNF](#)

82 Hybrid intelligent systems for industrial data analysis

Kordon, A.K.;

Intelligent Systems, 2002. Proceedings. 2002 First International IEEE Symposium , Volume: 1 , 10-12 Sept. 2002
Pages:10 - 15 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(547 KB\)\]](#) [IEEE CNF](#)

83 Content-based image retrieval for digital mammography

El-Naqa, I.; Yongyi Yang; Galatsanos, N.P.; Wernick, M.N.;

Image Processing. 2002. Proceedings. 2002 International Conference on , Vo 3 , 24-28 June 2002
Pages:III-141 - III-144 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(343 KB\)\]](#) [IEEE CNF](#)

84 Propulsion vibration analysis using neural network inverse modelii
Hu, X.; Vian, J.; Choi, J.; Carlson, D.; Il, D.C.W.;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002
Pages:2866 - 2871

[Abstract] [PDF Full-Text (542 KB)] IEEE CNF

85 Sleep spindles detection using short time Fourier transform and ne networks

Gorur, D.; Halici, U.; Aydin, H.; Ongun, G.; Ozgen, F.; Leblebicioglu, K.;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002
Pages:1631 - 1636

[Abstract] [PDF Full-Text (592 KB)] IEEE CNF

86 The classification method based on hyper surface

Qing He; Zhong-Zhi Shi; Li-An Ren;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002
Pages:1499 - 1503

[Abstract] [PDF Full-Text (481 KB)] IEEE CNF

87 Spectrum-based design of sinusoidal RBF neural networks

Andras, P.;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002
Pages:1421 - 1426

[Abstract] [PDF Full-Text (529 KB)] IEEE CNF

88 Active feature selection in optic nerve data using support vector machine

Jong-Min Park; Reed, J.; Qietyuan Zhou;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002
Pages:1178 - 1182

[Abstract] [PDF Full-Text (626 KB)] IEEE CNF

89 Analysis of detectors for support vector machines and least square support vector machines

Kuh, A.;
Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002
Pages:1075 - 1079

[Abstract] [PDF Full-Text (534 KB)] IEEE CNF

90 Proceedings of the 2002 International Joint Conference on Neural Networks. IJCNN'02 (Cat. No.02CH37290)

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 2 , 12-17 May 2002
Pages:i - xlviii

[Abstract] [PDF Full-Text (1930 KB)] IEEE CNF

91 Benders decomposition technique for support vector regression

Trafalis, T.B.; Ince, H.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002

Pages:2767 - 2772

[Abstract] [PDF Full-Text (523 KB)] IEEE CNF

92 Improved SVM regression using mixtures of kernels

Smits, G.F.; Jordaan, E.M.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002

Pages:2785 - 2790

[Abstract] [PDF Full-Text (495 KB)] IEEE CNF

93 Bayesian inference for LS-SVMs on large data sets using the Nyström method

Van Gestel, T.; Suykens, J.A.K.; De Moor, B.; Vandewalle, J.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002

Pages:2779 - 2784

[Abstract] [PDF Full-Text (623 KB)] IEEE CNF

94 SSVM: a simple SVM algorithm

Vishwanathan, S.V.M.; Narasimha Murty, M.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002

Pages:2393 - 2398

[Abstract] [PDF Full-Text (544 KB)] IEEE CNF

95 Ensembles of support vector machines for regression problems

Lima, C.A.M.; Coelho, A.L.V.; Von Zuben, F.J.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002

Pages:2381 - 2386

[Abstract] [PDF Full-Text (647 KB)] IEEE CNF

96 Complexity reduction and parameter selection in support vector machines

Ancona, N.; Cicirelli, G.; Distante, A.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002

Pages:2375 - 2380

[Abstract] [PDF Full-Text (723 KB)] IEEE CNF

97 Application of support vector machines to quality monitoring in robotized arc welding

Ye Feng; Song Yong Lun; Li Di; Lai Yi Zong;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir

Conference on , Volume: 3 , 12-17 May 2002
Pages:2321 - 2326

[Abstract] [PDF Full-Text (559 KB)] IEEE CNF

98 On the complexity and interpretability of support vector machines process modeling

Pereira, C.; Dourado, A.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002
Pages:2204 - 2209

[Abstract] [PDF Full-Text (622 KB)] IEEE CNF

99 Kernelized based functions with Minkovsky's norm for SVM regression

Ribeiro, B.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002
Pages:2198 - 2203

[Abstract] [PDF Full-Text (613 KB)] IEEE CNF

100 Estimation of the regularization parameter for support vector regression

Jordaan, E.M.; Smits, G.F.;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joir Conference on , Volume: 3 , 12-17 May 2002
Pages:2192 - 2197

[Abstract] [PDF Full-Text (497 KB)] IEEE CNF

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